

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	43	(cluster same update).ab. and ((non-concurrent concurrent) ("storage device" RAID DASD) ("redundant array" and reboot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:36
S2	8	S1 and (concurrent with (update upgrad\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:12
S3	51	RAID and (concurrent with (update upgrad\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:12
S4	4	S3 and reboot and firmware	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:14
S5	2	S1 and reboot and firmware	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:14
S6	178	((non-interrupt\$5 uninterrupted (without near3 interrupt\$3)) with updat\$4) and ((DASD RAID storage cluster) with (updat\$4 upgrad\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:24
S7	4	(S1 or S3) and (reboot and firmware)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:22
S8	10	S6 and (reboot and firmware)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:22

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S9	9	((without near3 interrupt\$3) with updat\$4) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:27
S10	2	"6886147".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:29
S11	9	S9 and (without near interrupt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:30
S12	9	S9 and (without adj interrupt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:41
S13	303	updat\$4 near5 (without adj interrupt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:36
S14	2	(cluster same update) and S13 and ("storage device" RAID DASD) ("redundant array" and reboot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:37
S15	6	(cluster same (updat\$3 writ\$3 (burn\$3 with firmware))) and S13 and ("storage device" RAID DASD) ("redundant array" and reboot))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:38
S16	7	("20020004890" "20030130833" "20040250021" "20040260861" "6691245" "6832289" "6857059").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:40

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S17	3	S16 and (without adj interrupt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:43
S18	1	"20040103261".pn. and (without adj interrupt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:46
S19	120	(updat\$4 same (cluster DASD RAID)) and (without adj interrupting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:47
S20	2	S19 and (updat\$4 near9 (without adj interrupting)) and reboot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:47
S21	35	("20010044934" "20020042892" "20020066092" "20020092008" "20020133747" "20020170050" "4430727" "5008814" "5297257" "5297258" "5502836" "5535355" "5603056" "5835933" "5960445" "6032269" "6144992" "6157983" "6175919" "6179492" "6324692" "6467087" "6484235" "6487633" "6487718" "6604235" "6609177" "6640334" "6681390" "6698017" "6721612" "6775794" "6836859" "6944854" "6948164").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:49
S22	4	S21 and ((updat\$4 modif\$4 writ\$3 upgrad\$3) with (without adj3 (interrupt\$4 stop\$4 halt\$3)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:59
S23	1	"6816982".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:51
S24	21	updat\$3.clm. and (cluster same storage) and ((updat\$4 modif\$4 writ\$3 upgrad\$3) with (without adj3 (interrupt\$4 stop\$4 halt\$3)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:54

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S25	13	(S1 or S6 or S13 or S19) and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 17:05
S26	6	S25 and @rlad<="20030929"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 17:05
S27	29	("5008814" "5019963" "5155837" "5155847" "5247683" "5359730" "5519875" "5561799" "5577232" "5721943" "5729761" "5764992" "5799189" "5832275" "5845116" "6000044" "6012059" "6047323" "6131148" "6205548" "6237091" "6347396" "6401093" "6411966" "6418524" "6453383" "6463584" "6564376" "6681390").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 16:59
S28	6	S27 and ((updat\$4 modif\$4 writ\$3 upgrad\$3) with (without adj3 (interrupt\$4 stop\$4 halt\$3)))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 17:01
S29	1	reboot and cluster and (updat\$4 with (without adj interrupt\$4)) and ((verif\$4 check\$4 authenticat\$4) same (version firmware upgrade updat\$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 17:03
S30	24	(array storage cluster) and reboot and (updat\$4 same (without adj interrupt\$4)) and (version checksum) and @rlad<="20030929"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/14 17:05
S31	24	S30 and @rlad<="20030929"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 17:05
S32	6	(S1 or S6 or S13 or S19) and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 17:06

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S33	13	((RAID ("disk controller")) same (firmware with update)).ab. (RAID same (firmware with updat\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 09:16
S34	0	("6816950").URPN.	USPAT	OR	OFF	2006/09/15 09:11
S35	7	("5416915" "6067635" "6182198" "6199074" "6289397" "6526419" "6581143").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 09:11
S36	3	((DASD ("disk controller")) same (firmware with update)).ab. (DASD same (firmware with updat\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 09:13
S37	3	("4207609" "4914656" "5155835").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 09:15
S38	2	S35 and (firmware with updat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 09:17
S39	9	("6526419").URPN.	USPAT	OR	OFF	2006/09/15 09:18
S40	7	("5416915" "6067635" "6182198" "6199074" "6289397" "6526419" "6581143").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 09:22
S41	30	(US-20060015861-\$ or US-20020161889-\$ or US-20030182414-\$ or US-20020166027-\$ or US-20020032787-\$ or US-20020004890-\$ or US-20040103261-\$ or US-20020133747-\$).did. or (US-6938084-\$ or US-7032218-\$ or US-5835761-\$ or US-6832373-\$ or US-4933846-\$ or US-6832289-\$ or US-6324692-\$ or US-5155837-\$ or US-5832275-\$ or US-5537598-\$ or US-6681390-\$ or US-6640334-\$ or US-6816982-\$ or US-6915452-\$ or US-5729761-\$ or US-6816950-\$ or US-6581143-\$ or US-5416915-\$ or US-6526419-\$ or US-6874046-\$ or US-6182198-\$).did. or (JP-08194584-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2006/09/15 12:08

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S42	3	S41 and RAID and reboot\$3	US-PGPUB; USPAT; JPO	OR	OFF	2006/09/15 14:56
S43	30	(US-20060015861-\$ or US-20020161889-\$ or US-20030182414-\$ or US-20020166027-\$ or US-20020032787-\$ or US-20020004890-\$ or US-20040103261-\$ or US-20020133747-\$).did. or (US-6938084-\$ or US-7032218-\$ or US-5835761-\$ or US-6832373-\$ or US-4933846-\$ or US-6832289-\$ or US-6324692-\$ or US-5155837-\$ or US-5832275-\$ or US-5537598-\$ or US-6681390-\$ or US-6640334-\$ or US-6816982-\$ or US-6915452-\$ or US-5729761-\$ or US-6816950-\$ or US-6581143-\$ or US-5416915-\$ or US-6526419-\$ or US-6874046-\$ or US-6182198-\$).did. or (JP-08194584-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2006/09/15 14:56
S44	1	S43 and RAID and (state near8 array)	US-PGPUB; USPAT; JPO	OR	OFF	2006/09/15 14:56

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The **firmware** can be installed on the **controller** under the operating system of ... Smart **Array Controller, RAID LC2 Controller, Smart Array 221 Controller, ...**
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A Just a Bunch of Disks (JBOD) **array** that has no **RAID controller** and connects to, ... but the **firmware** upgrade procedure requires **interruption** of service. ...
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On the Sun StorEdge 3510 FC **array**, **RAID controller** channels 0, 1, 4, ... but the **firmware** upgrade procedure requires **interruption** of service. ...
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replacement while **array** is active. Can be serviced **without interruption**. Dual **RAID controller**. configurations. High-availability **RAID** (hot swap/redundant ...
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If a drive fails, the **RAID controller** can automatically rebuild ... On-Line **Firmware Update** - As part of the high-availability design, IP2000 keeps ...
www.intransa.com/pdfs/ESRP_Solution_for_Intransa_IP2000_iSCSI_SAN.pdf - [Similar pages](#)

Software Updates for Dell Server Hardware Using Systems Management ...

When you upgrade any **RAID controller** software drivers, Dell's OpenManage suite, ... reboots **without power interruption** after performing a BIOS **update**. ...
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Documentation

See "BIOS **Update** Requirements" and "**RAID Controller** Supported Servers, ... the system reboots **without power interruption** after performing a BIOS **update**. ...
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Note: **Controller firmware** may be upgraded from 9.03 to a later release **without interruption**. However, rolling upgrades can only be done on dual-active ...
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a disk **array** through the **RAID controller** and appear to the host as a single ... A **RAID 5** volume can tolerate the loss of any one disk **without** data loss. ...

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MicroStorage NAS-4A-D

While the MN4A-D unit operating in **RAID 5** or **1** disk management, the bad drive can be removed ... **Firmware update** through web interface 5. No User Licenses ...
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failure or other **interruption**. All data on the array will be lost. ... You can use **RAID Admin** to **update the firmware** of the Xserve **RAID** system. **Firmware** ...
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AMC-NAS-4020: Desktop NAS system with four 320GB, 480GB or 640GB ...

Disk management is available in **RAID 0** (striping, no parity), **RAID 1** (disk ... the data from the lost drive, allowing work to continue **without interruption**. ...
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drive and allow work to continue **without interruption**. Hot Swappable and. Redundant Power ... 4. **Firmware update** through web interface. 5. No User Licenses ...
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CAF Weekly Meeting Minutes (3/7/03 ...

The rate of this should be even lower with the new **firmware**. ... The rest of CAF2 will be done in a staged fashion **without interruption** of user's jobs. ...
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AMC-NAS-4020: Desktop NAS system with four 320GB, 480GB or 640GB ...
If the AMC-NAS-4020 unit is configured with **RAID 1** or 5 disk management, ... the data from the lost drive, allowing work to continue **without interruption**. ...
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